

Date: Monday, 1/8/2007 11:03:53 AM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: LUG WELDMENT
Job Number	: 30177		
Estimate Number	: 12395		
P.O. Number	: <u>N/A</u>	Part Number	: D33535
This Issue	: 1/8/2007	Drawing Number	: D3353 REV.A
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <u>N/A</u>	Drawing Revision	: A
Previous Run	: 29519	Material	: <u>N/A</u>
		Due Date	: 1/30/2007
Written By	: <u>[Signature]</u>	Qty:	6 Um: Each
Checked & Approved By	: <u>[Signature]</u>		
Comment	: est rev. A 06.04.24 new issue EC		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M1010B0375X03500	1010-1025 Steel Bar
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Comment: Qty.: 0.3360 f(s)/Unit Total : 2.0160 f(s)  
 1010-1025 BAR .375" thick x 3.50" batch: M102179

2.0	WATER JET	FLOW WATER JET
-----	-----------	----------------



Comment: FLOW WATER JET  
 1-Cut as per Dwg D3353  
 Dwg Rev: A  
 Prog Rev: A

SAM 07/01/21 (6)

2-Deburr

3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE
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Comment: CONVENTIONAL MILLING MACHINE  
 1- Bore hole as per dwg D3353

2-Deburr

J.F. 07/01/30

(7)

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
-----	-----	--



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

J.F. 07/01/30

(7)

5.0	QC8	SECOND CHECK
-----	-----	--------------



Comment: SECOND CHECK

IL 07/01/30 (7)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: IS Date: 07/02/01  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 1/8/2007 11:03:53 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: LUG WELDMENT

Job Number: 30177

Part Number: D33535

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: \_\_\_\_\_

CARL

7/01/31

(7)

7.0

QC21

FINAL INSPECTION/W/O RELEASE



(7)

Comment: FINAL INSPECTION/W/O RELEASE

07/02/01

Job Completion



07-02-01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

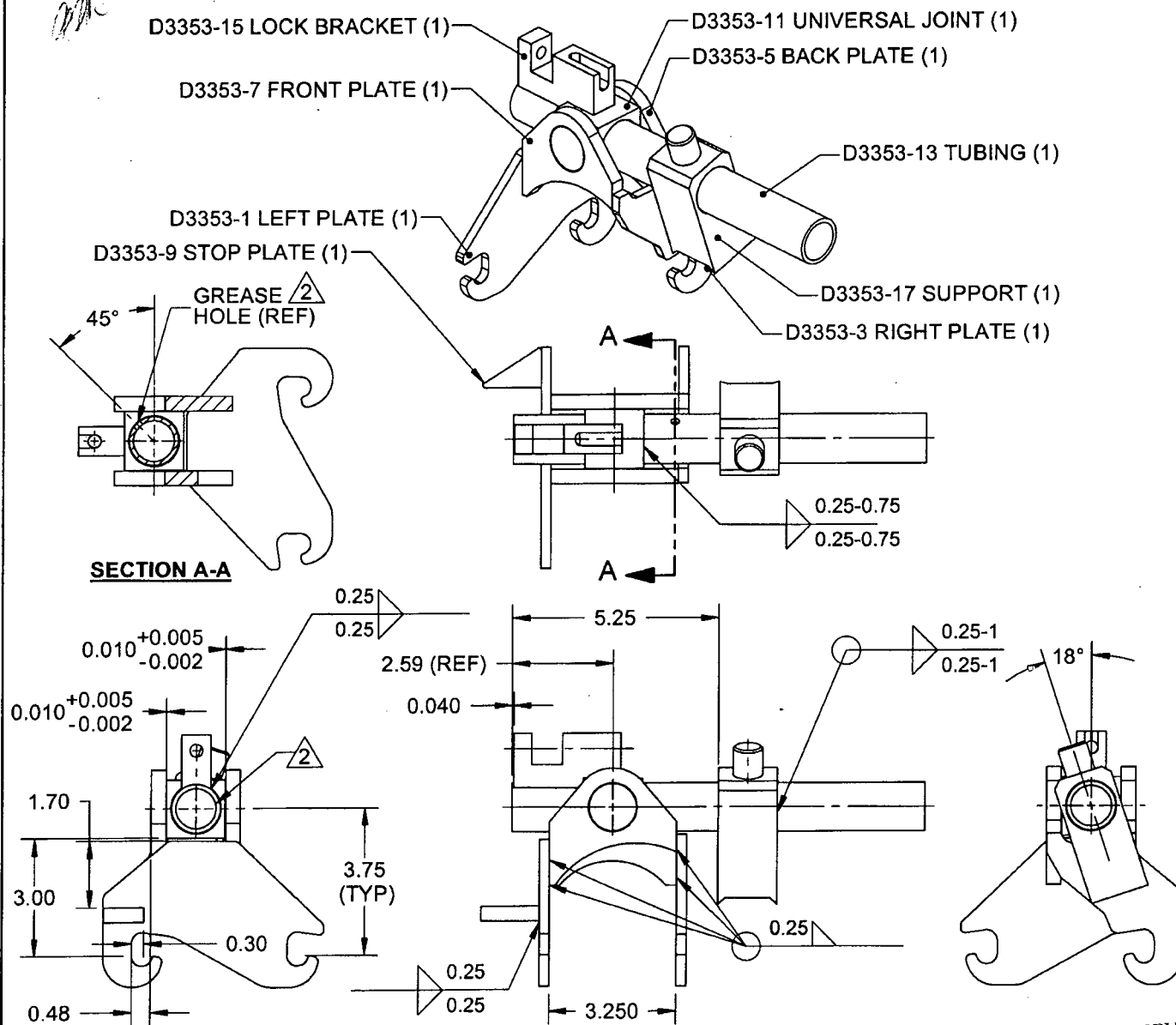
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:4
A	04.12.14	NEW ISSUE	

**RELEASED**  
*[Handwritten: 05/05/09]***D3353-041 LUG WELDMENT****NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

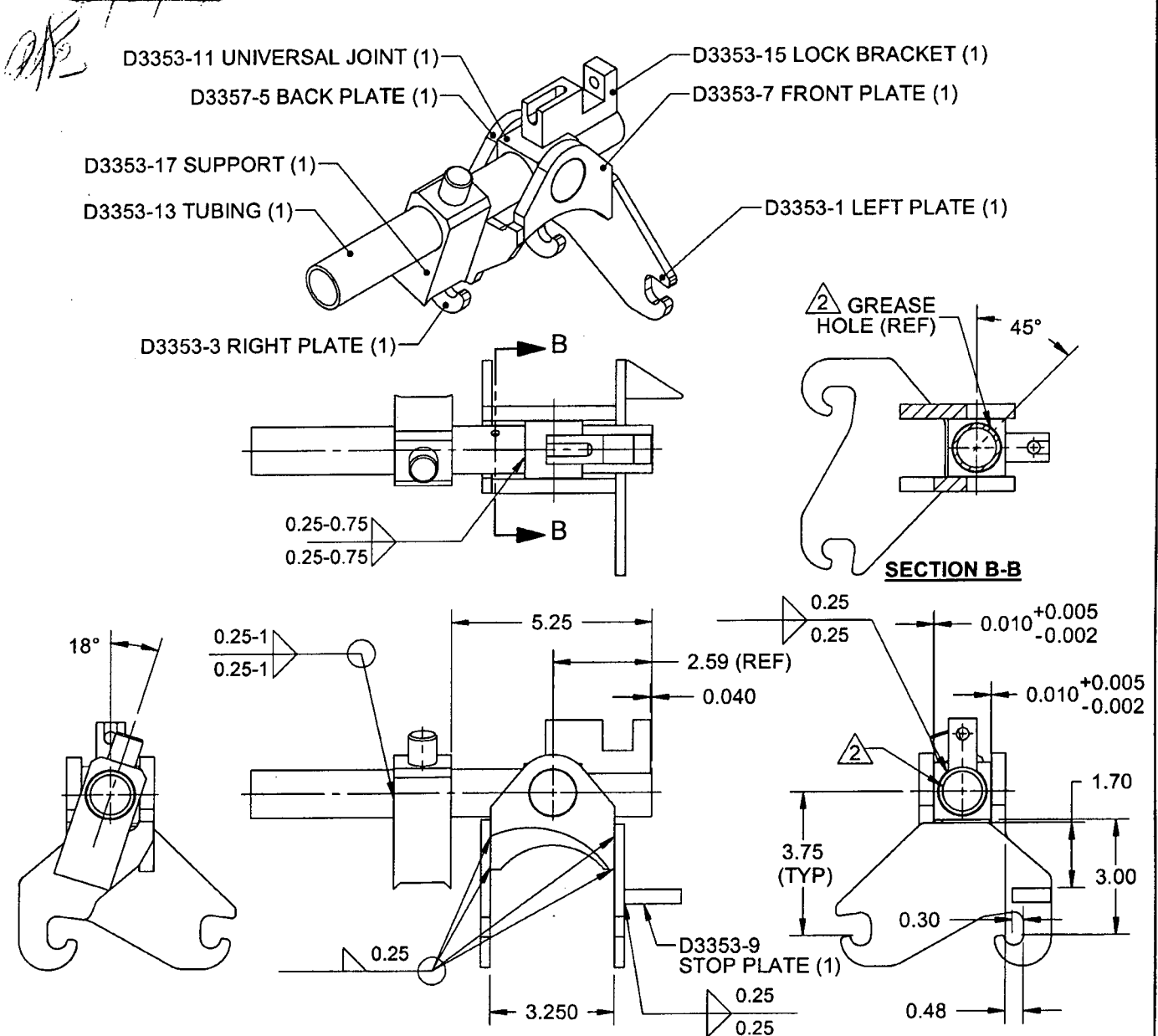
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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:4

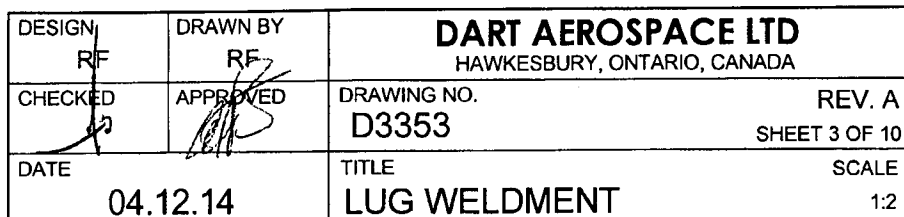
**RELEASED**  
04/03/59**D3353-042 LUG WELDMENT****NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 0054/3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

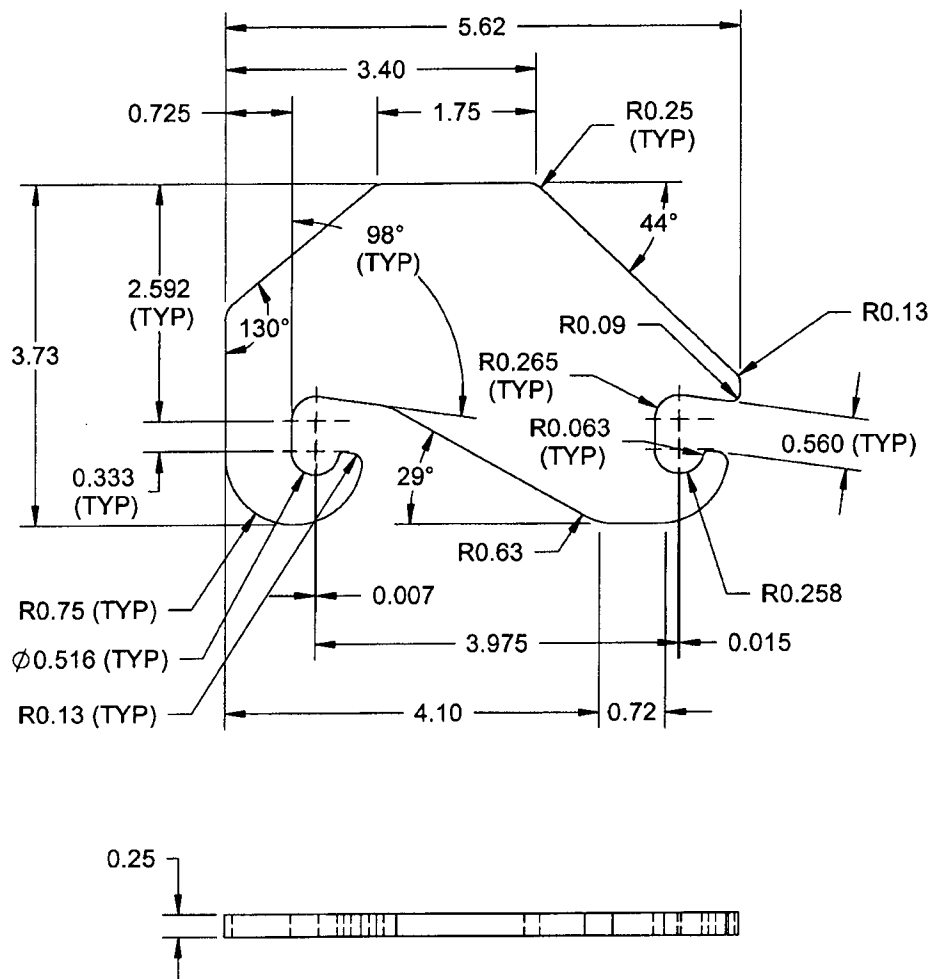
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06/02/89



### D3353-1 LEFT PLATE

1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21,  
38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

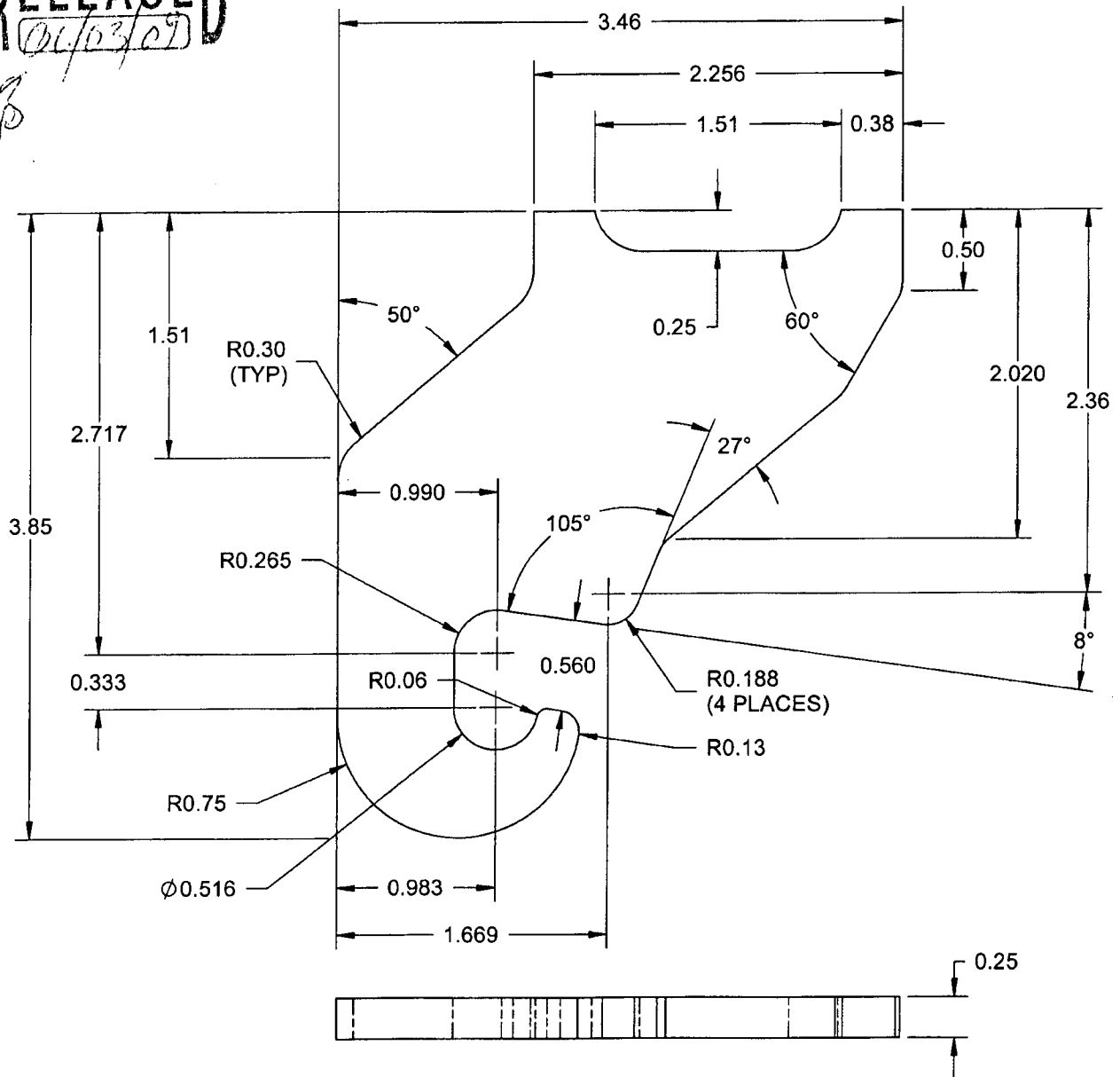
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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:1

**RELEASED**  
*04/03/07***NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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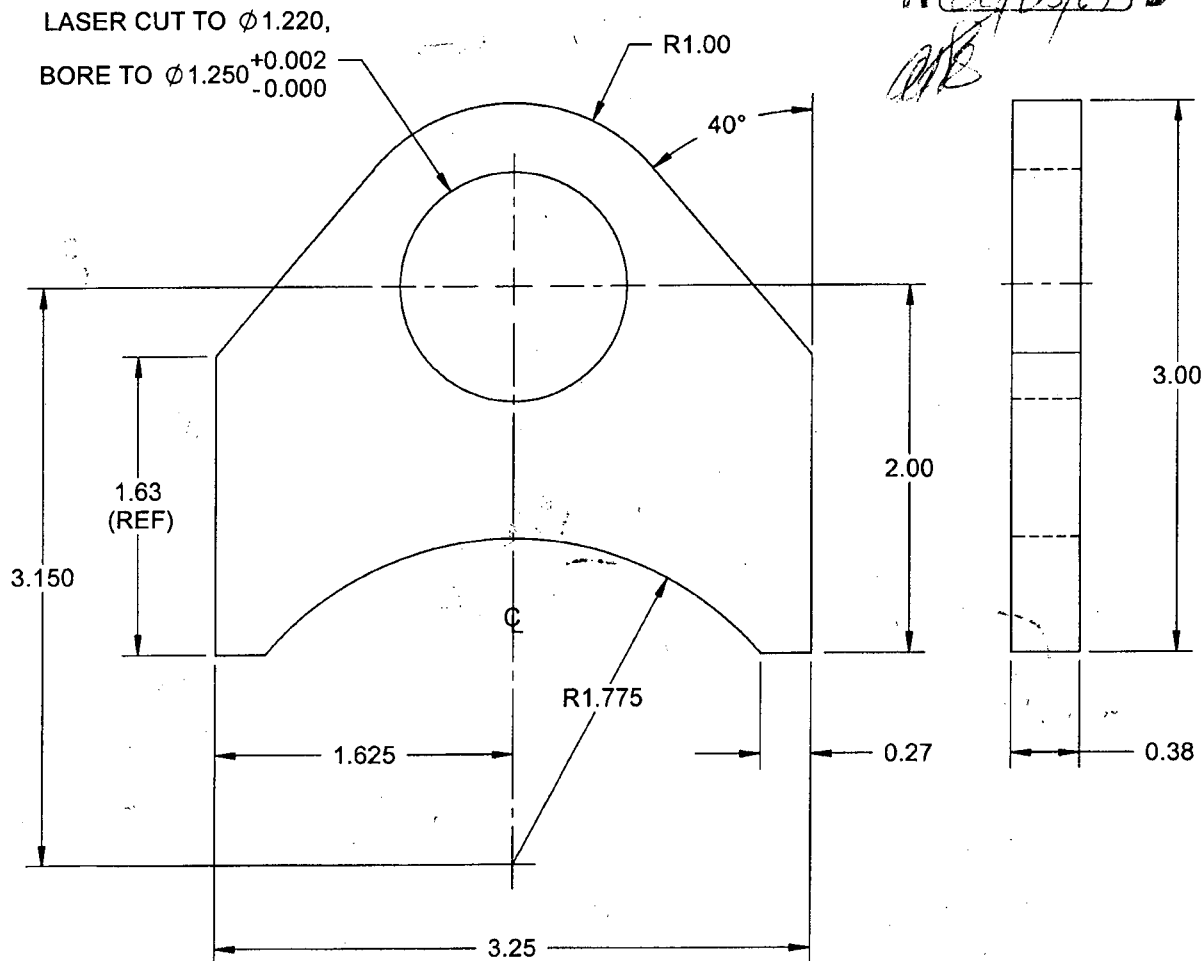
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DATE 04.12.14	TITLE LUG WELDMENT	SHEET 5 OF 10 SCALE 1:1	

**RELEASED**  
06/03/09  
*[Signature]***D3353-5 BACK PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

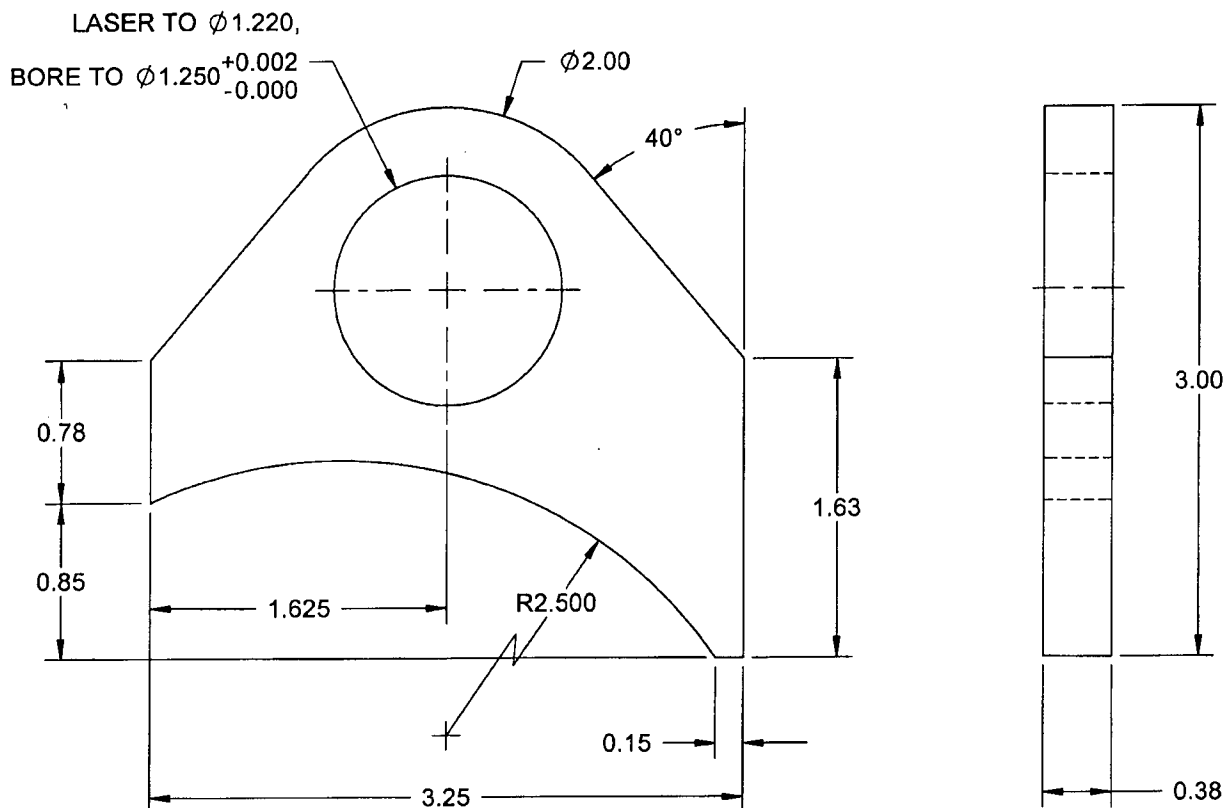
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*06/01/09***D3353-7 FRONT PLATE****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES  
STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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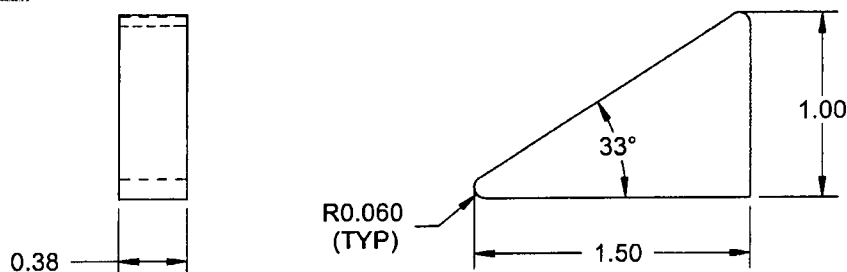
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

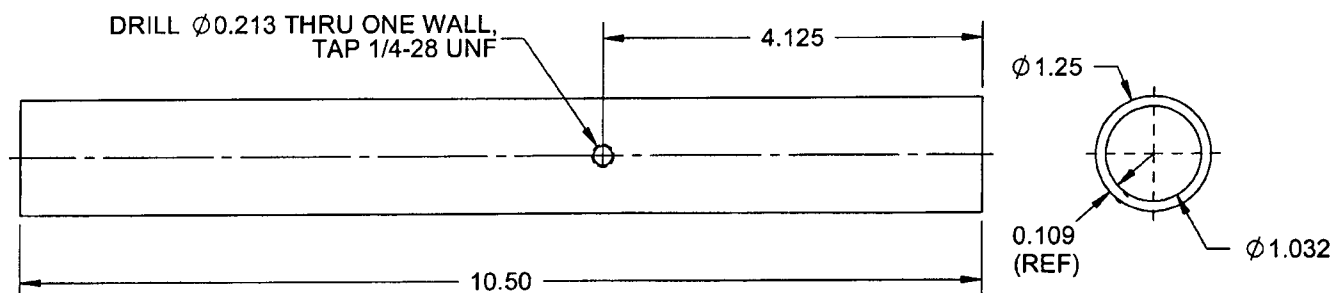
RELEASED  
3/3/04

*[Handwritten signature]*



### D3353-9 STOP PLATE

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR  
CSA G40.21, 38W/44W/50W/60W/70W, 0.375 THICK  
MILD STEEL BAR (REF. DART SPEC. M1010-B)



### D3353-13 TUBING

#### NOTES:

- 1) MATERIAL: MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077,  
Ø 1.250 x 0.125 WALL, COLD DRAWN STEEL TUBING  
(REF. DART SPEC. M1020TR1.250W.109)

#### NOTES:

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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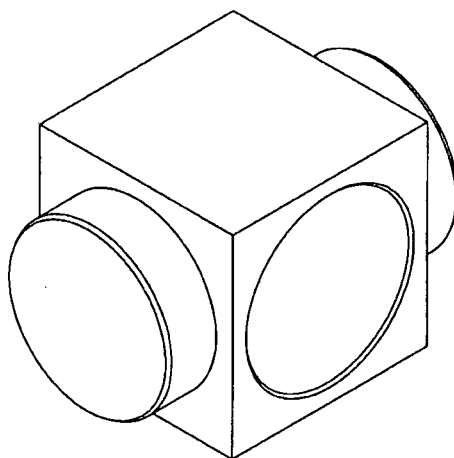
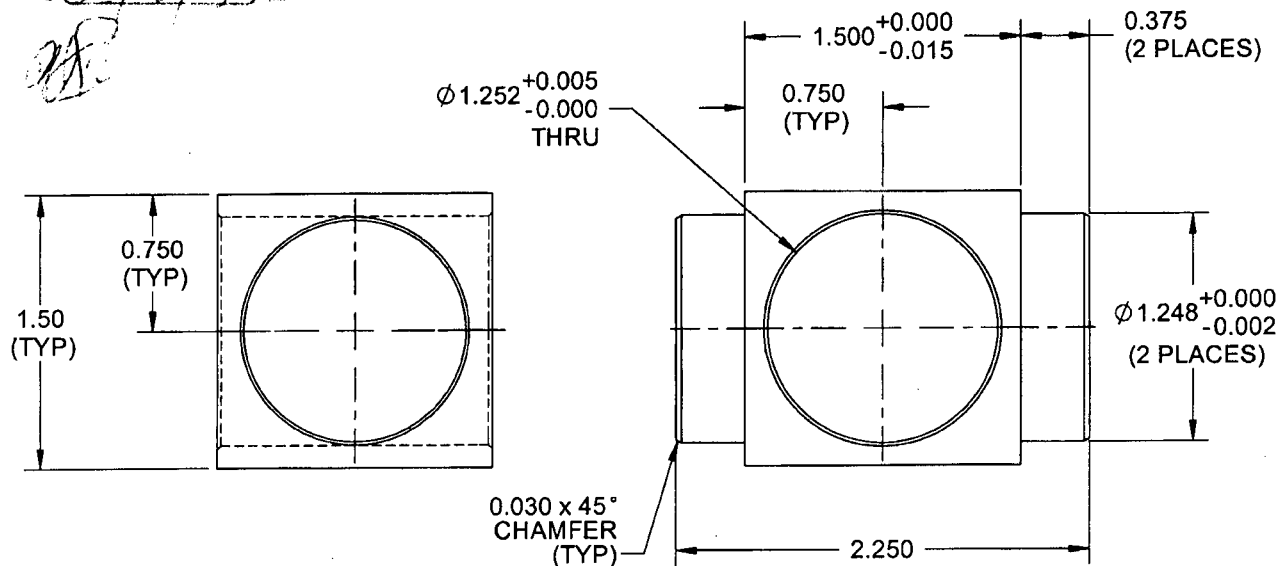
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DATE 04.12.14	TITLE LUG WELDMENT		SCALE 1:1

RELEASED  
04/23/09



### D3353-11 UNIVERSAL JOINT

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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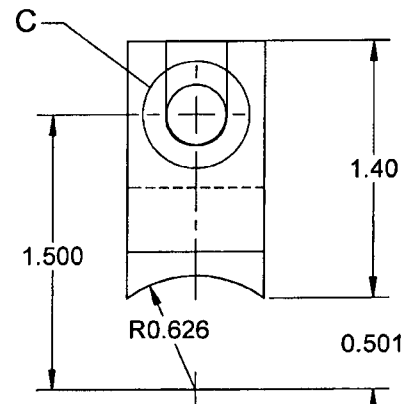
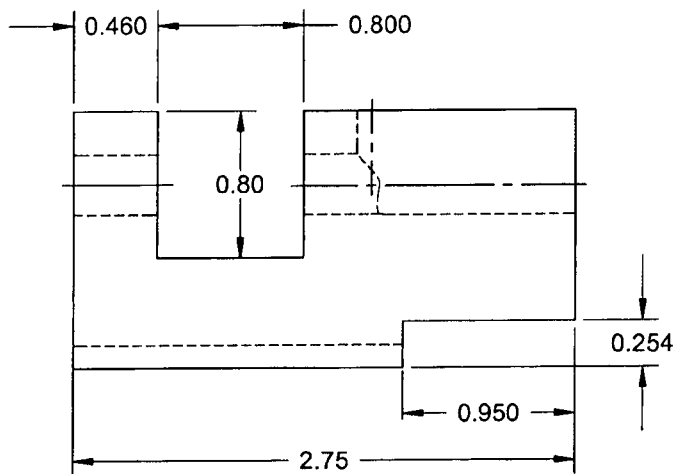
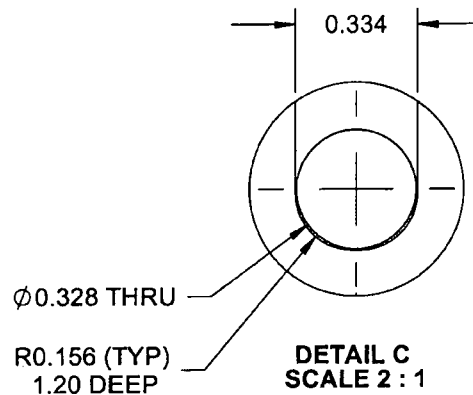
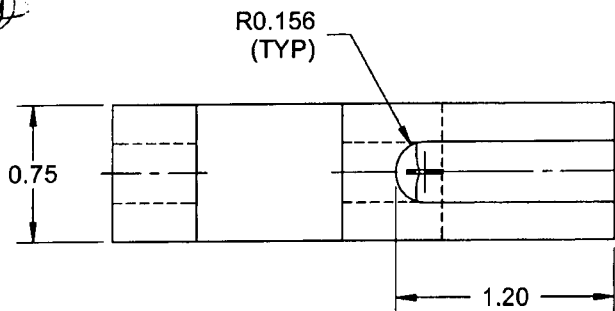
WORK ORDER  
NO. 30177

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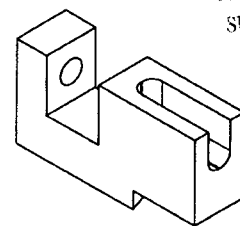
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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:1

**RELEASED**  
036/02/09**D3353-15 LOCK BRACKET****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 0.75 THICK MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



**ISOMETRIC VIEW**  
SCALE 1:2

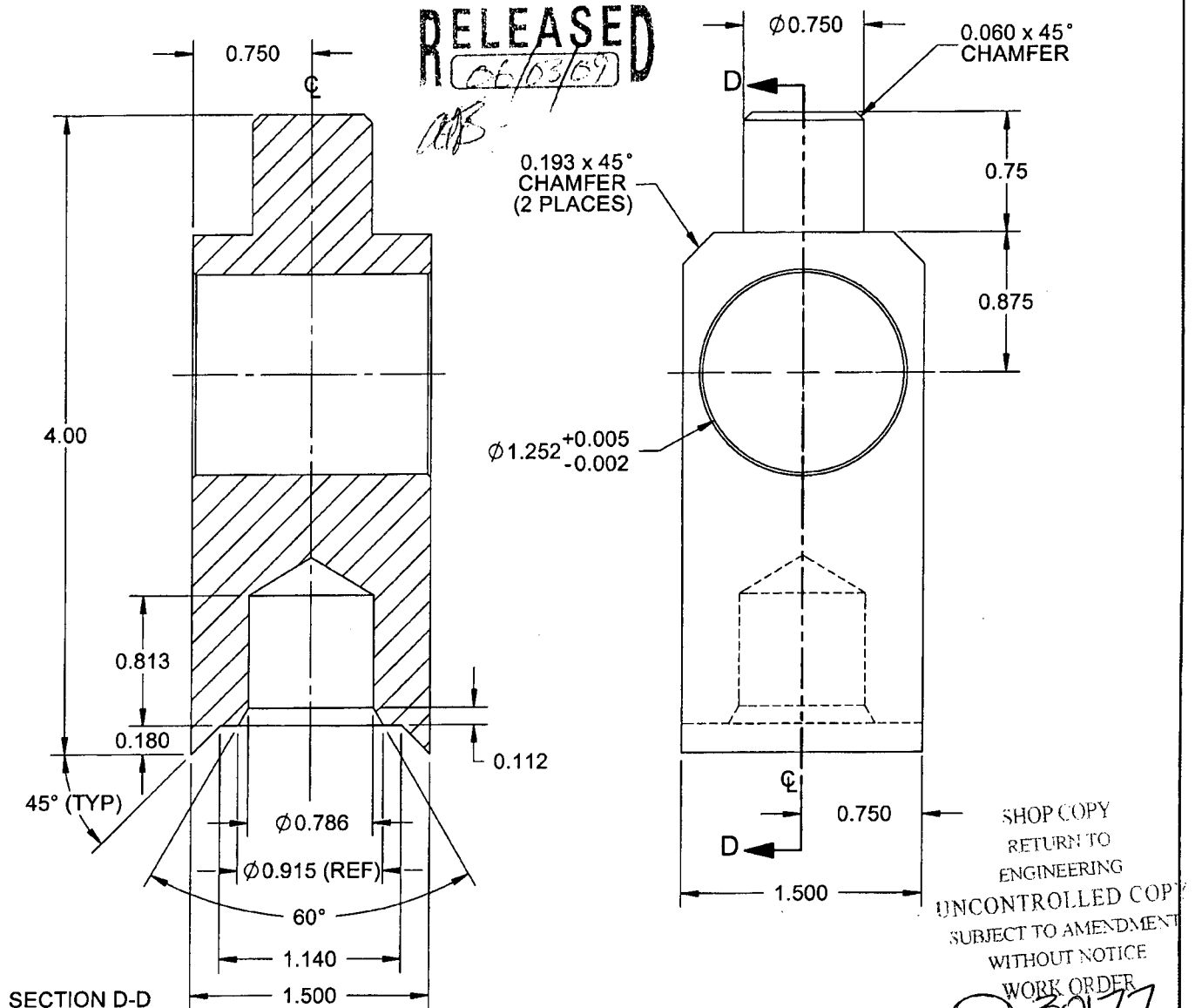
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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SHEET 10 OF 10 SCALE 1:1

**D3353-17 SUPPORT****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B1.500x01.500)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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# FIRST ARTICLE INSPECTION CHECKLIST

<input checked="" type="checkbox"/>	First Article	<input checked="" type="checkbox"/>	Prototype
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[illegible]

Measured by: J.F.	Audited by: J.L.	Prototype Approval:
Date: 07/01/30	Date:	Date: N/A

Rev	Date	Change	Revised by	Approved
A		New Issue	KJ/JLM	